

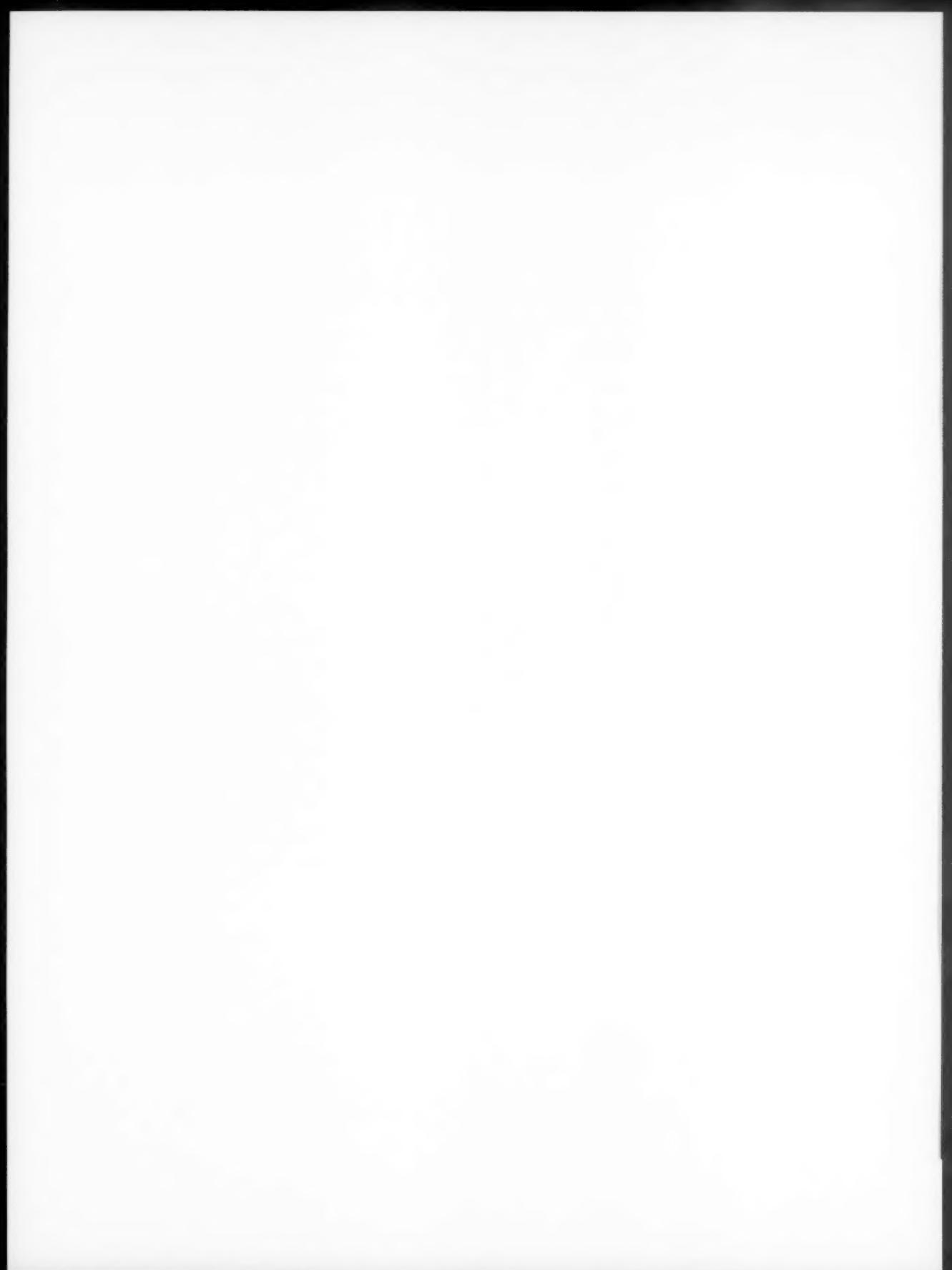
Anaesthesia

**Journal of the Association of Anaesthetists
of Great Britain and Ireland**

Volume 57, 2002



**Blackwell
Publishing**



Contents - Volume 57

Number 1, January 2002

Editorial

1 Two for the price of one – is it worth it?
J. E. Charlton

Main articles

4 Glycopyrronium and hypotension following combined spinal-epidural anaesthesia for elective Caesarean section in women with relative bradycardia *M. W. M. Rucklidge, J. Durbridge, P. K. Barnes and S. M. Yentis*

9 The effect of phenylephrine and norepinephrine in patients with chronic pulmonary hypertension *Y. L. Kwak, C. S. Lee, Y. H. Park and Y. W. Hong*

15 Maternal cardiovascular consequences of positioning after spinal anaesthesia for Caesarean section: left 15° table tilt vs. left lateral *S. G. O. Rees, J. A. Thurlow, I. C. Gardner, M. J. L. Scruton and S. M. Kinsella*

21 The impact of low-risk intensive care unit admissions on mortality probabilities by SAPS II, APACHE II and APACHE III *D. H. Beck, G. B. Smith and B. L. Taylor*

27 Effects of propofol and nitrous oxide on middle cerebral artery flow velocity and cerebral autoregulation *J. M. Harrison, K. J. Girdling and R. P. Mahajan*

Apparatus

33 The ability of breathing system filters to prevent liquid contamination of breathing systems: a laboratory study *A. R. Wilkes*

Case report

40 Removal of obstructing blood clot from the lower airway: an alternative suction technique
A. R. Bodenham

Forum

44 The effect of sevoflurane on serum cholinesterase in children *C. Lejus, O. Delaroche, C. Le Roux, E. Legendre, O. Rivault, H. Floch, M. Renaudin and M. Pinaud*

48 A comparison of patient-controlled analgesia administered by the intravenous or intranasal route during the early postoperative period *M. Ward, G. Minto and J. M. Alexander-Williams*

52 Sevoflurane vs. isoflurane: a clinical comparison in day surgery *D. H. Elcock and B. P. Sweeney*

57 Disappearance of intraperitoneal gas following gynaecological laparoscopy *I. R. Stanley, A. S. Laurence and J. C. Hill*

61 Comparison of cyclizine and ondansetron for the prevention of postoperative nausea and vomiting in laparoscopic day-case gynaecological surgery *K. Grimsehl, J. B. Whiteside and N. Mackenzie*

66 Supplementary oxygen administration for elective Caesarean section under spinal anaesthesia *M. S. Cogliano, A. C. Graham and V. A. Clark*

70 Assessment of diaphragm function after stellate ganglion block using magnetic stimulation *R. J. Sawyer, D. Turnbull, M. N. Richmond, C. H. Hamnegard and G. H. Mills*

76 Supervision of trainee anaesthetists: a survey of opinions and practices *J. Kerr and A. Skinner*

Correspondence

82 Nitrous oxide *J. S. M. Zorab, J. A. Carter and P. McAtee*

83 Air ambulance transfers and patient deterioration *P. J. Shirley and D. G. Pogson*

83 Pulse oximetry interference in paediatric neurosurgery *L. K. Webster, B. N. Barry and J. A. Short*

84 Metalloproteinase-9 in critically ill patients *H. J. Robertshaw, G. M. Hall, H. F. Galley, K. Yassen and N. R. Webster*

85 Plastic in the anaesthetic circuit *C. M. Thorpe*

86 ABC: back to basics with anaesthetic breathing components *H. J. Wise*

86 Flow reversal through the anaesthetic machine back bar: an unusual assembly fault *C. J. C. Cheng, A. R. Bailey and C. Walters*

88 Blame it on the surgeons *R. Shankar and V. U. Navapurkar*

88 Detachment of the tip of a gum-elastic bougie *M. Gardner and S. Janowski*

89 Posterior tracheal wall perforation with the Blue Rhino™ tracheostomy set *K. Westphal, V. Lischeke and C. Byhahn*

90 Central lines and cerebral aneurysm surgery *K. O'Hare and S. Jackson, S. J. Mills and A. A. Tomlinson*

91 Differences in the release of S100 protein during cardiopulmonary bypass *R. G. M. Jackson and G. S. Samra, M. Schmidt and H. Reinelt*

92 A highly mobile laryngeal tumour: inspiratory stridor and coughing attacks *H. D. de Boer, D. van Diejen, M. J. M. Gielken and R. J. Ensink*

93 Target-controlled infusions of propofol and remifentanil with closed-loop anaesthesia for hepatic resection *S. E. Milne, P. G. Horgan and G. N. C. Kenny*

93 Anaesthesia for bronchoscopy *E. E. Aly N. Prakash, T. McLoed and F. Gao*

94 A critical incident: manufacturing of human error? *S. J. Mills K. Molberg*

95 Incorrectly colour coded flow meters *R. Reddy and A. J. Thacker*

96 Zyban®: anaesthetic considerations *A. J. Corner and M. G. Parry*

96 The cost of multicompartiment 'big bag' total parenteral nutrition in an ICU *S. Raper, S. Milanov and G. R. Park*

98 False positive epidural catheter aspiration tests in CSE *V. Sodhi, K. Sarang, R. Fernando A. J. Coe, R. Isaac and V. P. L. Hornsby*

98 Warning stickers and epidural haematomas *K. M. Newton and C. E. P. Orlowski*

99 The role of paraldehyde and lidocaine in the management of status epilepticus *M. Thulasimani and S. Ramaswamy N. Hirsh and M. Smith*

100 Syringe identification in the emergency situation *M. Williams*

100 Gas analyser connector *M. Rocheteau*

100 Pre-operative mouthwash – comfort for the patient, and the anaesthetist *O. Bamgbade*

Book reviews

102 Analgesia, anaesthesia and Pregnancy. A Practical Guide *M. C. Mushambi*

103 Low Flow Anaesthesia *N. Harper*

104 Surgery, Sand and Saigon Tea: an Australian Army doctor in Vietnam *T. B. Boulton*

Number 2, February 2002**Editorial**

105 Predicting difficult intubation – worthwhile exercise or pointless ritual *S. M. Yentis*

Main articles

110 Effects of desflurane and isoflurane on intestinal tissue oxygen pressure during colorectal surgery *M. Müller, E. Schindler, S. Roth, A. Schürholz, M. Vollerthun and G. Hempelmann*

116 Personality testing and profiling for anaesthetic job recruitment: attitudes of anaesthetic specialists/consultants in New Zealand and Scotland *M. T. Kluger, D. Watson, T. M. Laidlaw and T. Fletcher*

123 Orotracheal fibreoptic intubation for rapid sequence induction of anaesthesia *J. J. Pandit, R. M. Dravid, R. Iyer and M. T. Popat*

128 Comparison of times to achieve tracheal intubation with three techniques using the laryngeal or intubating laryngeal mask airway *J. J. Pandit, K. MacLachlan, R. M. Dravid and M. T. Popat*

133 Remifentanil and the tunnelling phase of paediatric ventriculoperitoneal shunt insertion. A double-blind randomised, prospective study *N. Chambers, T. Lopez, J. Thomas and M. F. M. James*

Review article

140 Anions and the anaesthetist *D. G. Maloney, I. R. Appadurai and R. S. Vaughan*

Apparatus

155 Tracheal intubation and sore throat: a mechanical explanation *M. Chandler*

162 Measuring the filtration performance of breathing system filters using sodium chloride particles *A. R. Wilkes*

Forum

169 The effect of 10° head-up tilt in the right lateral position on the systemic blood pressure after subarachnoid block for Caesarean section *G. P. Y. Loke, E. H. Y. Chan and A. T. H. Sia*

173 The margin of safety associated with the use of cuffed paediatric tracheal tubes *A. M.-H. Ho, C. S. T. Aun and M. K. Karmakar*

176 Effect of videotape feedback on anaesthetists' performance while managing simulated anaesthetic crises; a multicentre study *A. J. Byrne, A. J. Sellen, J. G. Jones, A. R. Aitkenhead, S. Hussain, F. Gilder, H. L. Smith and P. Ribes*

180 Day surgery and body mass index: results of a national survey *M. Atkins, J. White and K. Ahmed*

Correspondence

183 Outreach critical care is not the solution *J. Kuehne*

183 Outreach critical care *D. Goldhill and A. McGinley*

183 Intensive care costs *W. Konarzewski C. Hibbert and D. Edbrooke*

184 Cricoid pressure application by intensive care nurses *E. P. Segar*

185 Cardiac output determination using compliance *D. I. Campbell*

185 Manpower requirements when implementing a partial shift system for anaesthetic juniors *M. Lim*

186 Probability of winning the National Lottery *M. Fairfield A. M. Adams and A. F. Smith*

187 Anaesthesia induction rooms – sheer luxury *M. Bellamy*

188 Compartment syndrome *L. Kaufman and P. R. Hawley*

188 Obstruction of airway equipment *D. Cameron and J. Onslow*

189 Another airway foreign body *J. A. Lack*

189 Yet another foreign body in a laryngeal mask airway
K. Srikanth

190 An unexpected complication resulting from the use of a laryngeal mask during an operation to remove a branchial cyst *A. W. Wilson, D. Macpherson and V. Santhanam R. Edwards*

190 A phantom capnograph trace 1. *Girish and T. M. W. Long*

191 Phantom anaesthetic vapour *D. Kang and N. C. Hwang*
W. Huehn

192 Anaesthetic machine safety – the story continues *S. A. Hellewell*

193 Halothane vs. sevoflurane in the difficult airway *S. J. Mills, E. P. McKiernan*
Y. Gergis and C. M. Frerk

194 Novel use of capnography during an awake fiberoptic intubation *D. S. Earl, S. Shinde, K. E. Bullen and J. A. Carter*

195 Arterial line insertion *M. Dollman and W. F. S. Sellers*

195 Flush volume for a vascular access device *A. Brennan*

195 Experience of complications of percutaneous dilatational tracheostomy *H. Wise*

197 Single-lung ventilation via a double lumen tube in a patient with a tracheostomy *M. C. Renton and I. D. Conacher*

198 Acid-base disorders in the critically ill *J. G. Laffey*
D. Story, S. Poustie and R. Bellomo

198 Inadvertent catheterisation of a partial anomalous pulmonary venous channel during central venous cannulation *C. J. C. Cheng, B. L. Lim and B. S. Tan*

200 Correct nomenclature for stereo isomers *S. A. Hill*

200 Hypo-osmolar Hartmann's *D. R. Ball and V. Perkins*

201 Effective labelling is difficult, but safety really does matter *C. S. Webster, D. J. Mathew and A. F. Merry*

202 Persistent cough following target-controlled infusion (TCI) with propofol *C. J. D. Maile*

203 Use of herbal medicine in ambulatory surgical patients *S. Crowe, G. Fitzpatrick and M. F. Jamaluddin*

204 Overcoming difficulties with percutaneous tracheostomy *A. MacKillop and D. Acharya*

204 Cheese, drug labels and anaesthetic room error *C. P. Leng*

205 A-Q alphabetic anaesthetic assessment algorithm *M. Lim*

206 An unusual complication of fasting *J. Easby*,
B. McLain and S. Jürgens

206 Can propofol cause keratitis? *M. B. Reddy*

206 The incidence of pulmonary oedema in fit patients of African origin *B. Norman*

207 Preventing rubber stopper coring *G. Nicol*

207 Non-English information on ampoules and drug package-inserts *G. Wearne*

207 Anaesthetic history of a patient: 250 anaesthetics in 30 years *L. Kotiniemi, S. Autio and K. Hyrynkangas*

208 Just who do they think we are? *R. Spencer*

208 Erratum

Number 3, March 2002

Editorial

209 When they got there the cupboard was bare
M. E. McBrien, D. S. Breslin and C. McBride

Main articles

212 Remifentanil – sevoflurane anaesthesia for laparoscopic cholecystectomy: comparison of three dose regimens *P. G. van Delden, P. L. Houweling, A. F. Bencini, E. P. Ephraim, R. C. Fretman, J. van Niekerk, M. A. van Stolk, R. Verheijen, O. J. M. Wajer and P. G. H. Mulder*

218 The effect of ulinastatin pre-treatment on vecuronium-induced neuromuscular block in patients with hepatic cirrhosis *Y. Saitoh, K. Kaneda and M. Murakawa*

223 The influence of induction technique on intubating conditions 1 minute after rocuronium administration: a comparison of propofol-ephedrine combination and propofol *C. H. Tan, M. K. Onisong and W. K. Y. Chiu*

227 The effects of β_2 adrenoceptor gene polymorphisms on pressor response during laryngoscopy and tracheal intubation *N.-S. Kim, I.-O. Lee, M.-K. Lee, S.-H. Lim, Y.-S. Choi and M.-H. Kong*

233 The effects of subanaesthetic concentrations of xenon in volunteers *A. Bedi, C. McCarroll, J. M. Murray, M. A. Stevenson and J. P. H. Fee*

242 Propofol effective concentration 50 and its relationship to bispectral index *M. G. Irwin, T. W. C. Hui, S. E. Milne and G. N. C. Kenny*

Apparatus

249 Tracheal trauma from percutaneous tracheostomy using the Griggs method *M. Watters, G. Thorne, C. Cox and C. Monk*

253 Percutaneous dilatational tracheostomy: a safer technique of airway management using a microlaryngeal tube *L. Fisher, D. Duane, L. Lafreniere and D. Read*

256 Evaluation in an anaesthetic simulator of a prototype of a new drug administration system designed to reduce error *A. F. Merry, C. S. Webster, J. Weller, S. Henderson and B. Robinson*

Case report

264 Bilateral hypoglossal nerve injury following the use of the laryngeal mask airway *A. Stewart and W. A. Lindsay*

Forum

266 Patient-controlled epidural fentanyl following spinal fentanyl at Caesarean section *D. W. Cooper, E. Garcia, P. Mowbray and M. A. Millar*

270 The management of pain following day-case surgery *G. A. McHugh and G. M. M. Thoms*

275 Measurement of tracheal tube cuff pressure in critical care *D. Vyas, K. Inwergibb and A. Pittard*

278 An evaluation of ultrasound imaging for identification of lumbar intervertebral level *G. Furness, M. P. Reilly and S. Kuchi*

281 The effect of swabs soaked in bupivacaine and epinephrine for pain relief following simple dental extractions in children *J. Andrzejowski and L. Lamb*

Correspondence

284 Use of methoxamine in the resuscitation of epinephrine resistant electromechanical dissociation *F. M. J. Harbar*

284 Outreach critical care services *C. V. Prasad and D. Acharya*

284 *D. J. Counsell*

286 Disposable laryngoscope blades *S. Babb and S. Mann*

286 *D. Grey*

288 Overfilling of vaporisers *D. Daniels*

288 The Pro-Seal laryngeal mask airway *T. M. Cook and J. P. Nolan*

289 Gum elastic bougies *W. F. S. Sellers*

289 Call for an alternative coupling system for regional equipment *A. Cyna and S. Simmons*

290 Obesity and day-case surgery in an isolated unit *K. M. Ni, J. C. Watts*

290 *K. Davies, K. Houghton and J. Montgomery*

291 The Airway Management Device (AMD) is not 'reliable and safe' *T. Cook, J. P. Nolan, K. J. Gupta and D. A. Gabbott*

291 Nasal endoscopy prior to nasotracheal intubation *S. Singh*

292 A more 'failsafe' approach to difficult intubation with the gum elastic bougie *J. Brimacombe, A. Howarth and C. Keller*

292 Capnography for feeding tube placement *T. Asai*

293 A new case of airway obstruction *S. Boumphrey*

293 *J. A. Roe*

293 A new clinical sign during one-lung anaesthesia: fact or fiction? *J. Pfitzner*

294 Airway management of a child with temporomandibular joint ankylosis following oys media *T. Kawasaki, T. Sata, C. Kawasaki, M. Ogata and A. Shigematsu*

295 Evaluation of the Pneupac Ventipac portable ventilator in critically ill patients 1 *J. K. McNicholas and F. M. J. Harbar*

296 Evaluation of the Pneupac Ventipac portable ventilator in critically ill patients 2 *M. Shamir, M. Peruansky*

296 *A. McCluskey and C. L. Gwinnutt*

297 Aberrant brachiocephalic artery precluding placement of tracheostomy *G. A. Mukadam and E. Hoskins*

298 Anaesthesia for Stiff-Person Syndrome *N. Haslam and K. Price*

299 Report of vaporiser malfunction *D. M. MacLeod, L. McEvoy and D. Walker*

300 Up-and-down allocation *M. O. Columb and S. Maguire*

301 Wound botulism in injecting drug users *L. McGarry*

302 Not quite crystal clear *A. Kitsberg and J. A. J. Phillips*

302 Hypotension prophylaxis for Caesarean section *Y. R. Loughrey, S. Datta, L. C. Tsen*

302 *R. G. Wilkes, S. M. Burns and C. M. Cowan*

304 Epidural catheter *S. Sampathkumar*

304 Aspirin and central neural blockade *S. A. Harding, A. M. Severn and J. Calvert*

305 An audit of the use of low molecular weight heparin and epidural anaesthesia *G. A. Matthews and K. Davies*

306 A simple technique to reduce the incidence of accidental dural puncture *S. Cohen, R. Chokkra and F. Bokhari*

306 Transient neurological manifestations after epidural analgesia with ropivacaine *B. Al-Nasser, M. Négre and C. Hubert*

307 Intrathecal air following spinal anaesthesia *M. Hübner, R. J. Litz, R. von Kummer and D. M. Albrecht*

308 Pre-operative fluid fasting for adult elective surgery *R. Hebballi, P. J. Desai and S. Jürgens*

308 Recording the confirmation of nasogastric tube placement *C. Y. Li and M. F. Mayall*

308 A new angle on a Tuohy needle *D. A. Wright and M. W. M. Rucklidge*

309 A possible cause of corneal abrasions *H. Pollock*

310 A faulty Yankauer suction catheter *M. C. Dickinson and A. Klein*

310 *A. M. Morley*

310 The significance of post mortem tryptase levels in supporting a diagnosis of anaphylaxis *M. G. Way and C. L. Baxendale*

311 Audit of audit... *A. Badrakumar, P. Jefferson and D. R. Ball*

311 Radial artery cannulation - a simple positioning aid *M. B. Coates*

311 Blocked emergency syringe *D. J. Aldington*

312 Malignant hyperpyrexia and a career in Anaesthesia *P. J. Halsall*

312 e-Surveys *D. R. Ball and J. R. Jefferson*

313 Better skin incision for Seldinger dilator insertion *P. Nalwaya and W. F. S. Sellers*

313 Another use for the laryngoscope *H. S. Bhogal*

313 All in the name of progress *R. Langford*

313 Nitrous oxide *J. S. M. Zonah*

314 Erratum/Book reviews

Number 4, April 2002

Editorial

317 Up, up and away: watching the Caesarean section rate rise *A. E. May and S. M. Yentis*

Main Articles

319 Osteocalcin and the hormonal, inflammatory and metabolic response to major orthopaedic surgery *G. Nicholson, A. E. Bryant, I. A. Macdonald and G. M. Hall*

326 A novel method of measuring cricoid force
T. J. Clayton and R. G. Vanner

330 The cardiovascular response to insertion of the intubating laryngeal mask airway *A. Choyce, M. S. Avidan, A. Harvey, C. Patel, C. Timberlake, K. Sarang and L. Tilbrook*

334 A retrospective observational study of pre-operative sickle cell screening *P. L. Pemberton, J. F. Down, J. B. Porter and L. M. Bromley*

Review articles

338 Isoflurane and coronary heart disease *N. M. Agnew, S. H. Pennefather and G. N. Russell*

348 Acid–base physiology: the ‘traditional’ and the ‘modern’ approaches *A. A. Sirker, A. Rhodes, R. M. Grounds and E. D. Bennett*

Historical note

357 Sir Humphry Davy; his researches in respiratory physiology and his debt to Antoine Lavoisier *J. S. Sprigge*

Apparatus

365 A survey of the use of portable ultrasound for central vein cannulation on critical care units in the UK *P. Jefferson, M. N. Ogbue, K. E. StC. Hamilton and D. R. Ball*

369 Pump activated by a foot switch pedal for controlled administration of local anaesthetic drugs *C. Ayoub, A. Lteif, M. Rizk, Z. Khalily and S. Aoude*

374 Pressure in the cuffs of tracheal tubes at altitude *R. P. R. Smith and B. H. McArdle*

379 Survey of the use of the gum elastic bougie in clinical practice *I. P. Latto, M. Stacey, J. Mecklenburgh and R. S. Vaughan*

Case Report

385 A combined technique utilising regional anaesthesia and target-controlled sedation in a patient with myotonic dystrophy *A. Aquilina and J. Groves*

Forum

387 Patient-maintained propofol sedation: a follow-up safety study using a modified system in volunteers *F. Henderson, A. R. Absalom and G. N. C. Kenny*

390 A pilot study of patient-led identification of the midline of the lumbar spine *J. S. Wills, R. Bowie and D. G. Bogod*

394 Postanaesthetic shivering – a new look at tramadol *S. Mathews, A. Al Mulla, P. K. Vaghese, K. Radim and S. Mumtaz*

399 The efficacy of lidocaine administered via the LITA™ tracheal tube in attenuating the extubation response in beta-blocked patients following craniotomy *J. Andrzejowski and G. Francis*

402 The champagne angle *P. L. Pemberton, I. Calder, C. O’Sullivan and H. A. Crockard*

Correspondence

404 The acute pain service, a model for outreach critical care *G. A. R. Morgan and P. G. Lawler*

405 Training surgeons in critical care *H. A. Vohra*

405 Pre-operative optimisation of high risk surgical patients *D. Nethirasigamani and J. M. Fielden*

406 Prolonged pre-operative fluid fasting *C. J. Morris*

406 Colour coding for piped Entonox hoses *L. Ng and H. Hopwood*

407 Survey of airway management equipment in day surgery centres *H. Brownlow and A. Grice*

407 Intubating laryngeal mask use in neck injury patients 1 *D. R. Ball and P. Jefferson*

409 Intubating laryngeal mask use in neck injury patients 2 *C. Morris*

410 Malocclusion testing with the flexible laryngeal mask airway *J. Brimacombe, B. Finn and C. Keller*

410 The intubating laryngeal mask airway as a guide to fibroscopy *J. J. Pandit*

411 Sniff the morning air or drink a pint of beer? *G. N. Cattermole*

411 Switching on to ultrasound *C. J. Nutt, P. Jefferson and D. R. Ball*

412 Nasal insertion of the oesophageal Doppler probe *T. E. L. Dodd*

412 Reflection; end of an era and a new beginning! *G. Y. G. Lahoud*

413 Etomidate, adrenal dysfunction and critical care *R. G. Roberts and J. W. Redman*

414 Alpha-agonists use in cardiac arrest *D. M. Leschinskiy*

414 Use of thiopental for rapid sequence induction *P. Dix, T. M. Cook and J. Morris*

415 Midazolam – an anti-emetic? *V. Prasad, C. B. W. Till and A. Smith*

416 Cement implantation syndrome *K. Jenkins, P. J. Wake, M. E. McBrien, D. S. Breslin, S. Atkinson and J. R. Johnston*

416 Neurophysiological investigation of neurological complication after regional anaesthesia *Y. Péron, S. Nguyen The Tich, J.-M. Mussini, F. Charles and J.-M. Malinovsky*

417 Eldor Needle for combined spinal-epidural anaesthesia *J. Eldor*

417 Accidental dural puncture and an occluded Tuohy needle *A. Furlonger and I. Wrench*

418 Epidural catheter migration *Y. Day and D. Graham*

418 National Anaesthesia Day activities *M. Mok*

419 Book reviews

Number 5, May 2002**Editorial**

421 Anaesthesia in the Magnetic Resonance Unit: a hazardous environment *P. A. Farling*

Main articles

424 Efficacy of ropivacaine compared with ropivacaine plus sufentanil for postoperative analgesia after major knee surgery *C. Lorenzini, L. B. Moreira and M. B. C. Ferreira*

429 Study of a combined percutaneous local anaesthetic and nitric oxide-generating system for venepuncture *A. T. Tucker, E. Makings and N. Benjamin*

434 Outcome evaluation in a surgical intensive care unit in Barbados *S. Hariharan, H. S. L. Moseley and A. Y. Kumar*

442 Assessment of photoplethysmographic signals for the determination of splanchnic oxygen saturation in humans *A. J. Crear-Gilbert, P. A. Kyriacou, D. P. Jones and R. M. Langford*

446 Comparison of sevoflurane and nitrous oxide mixture with nitrous oxide alone for inhalation conscious sedation in children having dental treatment: a randomised controlled trial *G. Y. Lahoud and P. A. Averley*

Review article

451 Gabapentin: pharmacology and its use in pain management *M. A. Rose and P. C. A. Kam*

Historical note

463 Morton's design of the early ether vaporisers *P. Desbarax*

Apparatus

470 Assessment of the Caradyne WhisperFlow™ for administration of continuous positive airway pressure in a 3 Tesla magnetic resonance scanner *L. A. Steiner, D. A. Chatfield, T. Donovan, J. P. Coles and D. K. Menon*

475 Nasopharyngeal airway continuous positive airway pressure: a method to wean from or avoid mechanical ventilation in adults *D. W. Ryan, O. G. W. Weldon and A. J. Kilner*

Case Report

478 Severe hyperphosphataemia and associated electrolyte and metabolic derangement following the administration of sodium phosphate for bowel preparation *H. L. Tan, Q. Y. Liew, S. Loo and R. Hawkins*

Forum

484 Effect of the addition of ketamine to morphine in patient-controlled analgesia *C. J. Murdoch, B. A. Crooks and C. D. Miller*

488 Quality of handover to the postanaesthesia care unit nurse *J. S. Anvari*

493 Obstetric anaesthetists' workload *M. Y. K. Wee, S. M. Yentis and P. Thomas*

Correspondence

501 Anaesthesia and the elderly *S. Crowe*

501 The 'facial flashing' of aortic regurgitation *G. Morton and S. Mahon*

502 Protective effects of acidosis *V. Rosival*

502 Activated protein C in the treatment of sepsis *C. Morris*

504 Hallucinations related to artificial ventilation in the prone position *T. L. Vick and R. G. Roberts*

505 Breathing system obstruction from intravenous giving set caps *D. King and B. Emerson*

505 Blood contamination of laryngeal mask airways and laryngoscopes - what do we tell our patients? *S. G. Tordoff and S. Scott*

506 The effect of nitrous oxide on the cuff pressure of the laryngeal tube *L. A. Gaitini, S. J. Vaida, S. Mostafa and B. Yanovski*

506 Take off of the pilot tube on the laryngeal mask *B. Singh*

507 An alternative suctioning technique *A. Klein and M. Mathew*

507 Is your bougie helping or hindering you? *C. Holdsworth and S. Gupta*

507 Posterior tracheal wall tear with PercuTwist™ *M. Than and T. Samuel*

508 Christmas 'trachys' *R. S. Dhamrait*

510 Pre-oxygenation *H. Bhogal, W. F. S. Sellers*

510 Monitoring of the anaesthetic volatile agent may be impaired in hydrocarbons abusers *M. A. Sicinski and U. Kadam*

511 Anaesthetic management of a patient with Stiff-person syndrome *M. Obara, S. Sawamura, M. Chinzei, K. Komatsu and K. Hanaoka*

511 Paravertebral block *S. Q. M. Tighe, P. A. Lönnqvist*

513 Glycopyrronium and hypotension following combined spinal-epidural anaesthesia *N. G. Mandal, S. M. Yentis, P. K. Barnes, J. Durbridge and M. W. M. Rucklidge*

514 Epidural fixation *C. M. Cowan, A. Delargy and P. M. Barclay, M. X. Clark and K. O'Hare*

515 The influence of abdominoplasty surgery on assessment of level of subarachnoid block *P. Joshi and D. I. Thomas*

517 Misleading epidural catheter gauge *M. W. M. Rucklidge and C. E. P. Orlikowski, A. Ling*

517 Target-controlled infusions of propofol and remifentanil with closed-loop anaesthesia for hepatic resection *I. Levack, S. Crofts and I. Tait*

518 Chronic pain funding *J. H. Hughes*

518 Patient controlled analgesia (PCA), nurse controlled analgesia (NCA), or epidural controlled analgesia (ECA) *Y.-C. Lin*

518 Error in calculations *T. Marx*

519 Analysis of Internet usage by anaesthesia trainees in the UK and the USA *J. C. Sanders*
 520 Not so rare Internet sites *K. Medlock and M. Thomas*
 521 Propofol infusion for ICU sedation in children *R. J. Bray*
 522 Book reviews

Number 6, June 2002

Editorial

527 Anaemia and red cell transfusion in the critically ill *D. Goldhill, H. Boralessa and H. Boralessa*

Main articles

530 Blood component use in critically ill patients *M. P. Rao, H. Boralessa, C. Morgan, N. Soni, D. R. Goldhill, S. J. Brett, H. Boralessa and M. Contreras*
 535 The influence of timing and route of administration of intravenous ketorolac on analgesia after hand surgery *H. L. Ashworth, C. Ong, P. T. Seed and P. J. Venn*
 540 Effects of low-dose alfentanil administration on central respiratory drive and respiratory pattern in spontaneously breathing ASA 1 patients *G. Conti, S. Pierdominici, G. Ferro, M. G. Bocci, M. Antonelli and R. Proietti*
 544 Body computed tomography in critically ill patients *N. D. Kumta, G. Park, A. Toms, B. Housden and A. K. Dixon*
 549 Awareness during general anaesthesia: a review of 81 cases from the Anaesthetic Incident Monitoring Study *I. J. Bergman, M. T. Kluger and T. G. Short*
 557 Efficacy of microfiltration in decreasing propofol-induced pain *A. F. Davies, B. Vadodaria, B. Hopwood, T. Dexter and D. Conn*

Review article

562 Pulmonary artery blood temperature and the measurement of cardiac output by thermodilution *S. F. Moise, C. J. Sinclair and D. H. T. Scott*

Apparatus

567 Safer epidural and spinal connectors *C. J. Lanigan*
 572 Efficacy of catheter needles with safeguard mechanisms *T. Asai, I. Hidaka, A. Kawashima, T. Miki, K. Inada and S. Kawachi*

Case reports

578 Monitored transtracheal jet ventilation using a triple lumen central venous catheter *S. S. Dhara, E. H. C. Liu and K. H. S. Tan*
 581 An unusual case of stridor after thyroidectomy *S. Ahmed, D. Clarke, R. S. Vaughan and M. H. Wheeler*

Forum

584 A survey of physicians' attitudes to transfusion practice in critically ill patients in the UK *H. Boralessa, M. P. Rao, C. Morgan, N. Soni, D. R. Goldhill, S. J. Brett, H. Boralessa and M. Contreras*
 588 Circulatory, respiratory and metabolic changes after thigh tourniquet release in combined epidural-propofol anaesthesia with preservation of spontaneous respiration *H. Iwama, T. Kaneko, H. Ohmizo, S. Furuta, S. Ohmori and K. Watanabe*
 593 Aseptic precautions for inserting an epidural catheter: a survey of obstetric anaesthetists *J. E. Sellors, A. M. Cyna and S. W. Simmons*
 596 Comparison of external jugular and central venous pressures in mechanically ventilated patients *J. L. Parker, C. J. R. Flucker, N. Harvey, A. M. Maguire, W. C. Russell and J. P. Thompson*
 600 Partner anxiety prior to elective Caesarean section under regional anaesthesia *I. R. Taylor, A. S. Bullough, J. C. M. van Hamel and D. N. C. Campbell*

Correspondence

606 Isolated systolic hypertension *M. McSwiney and C. Mather*
C. Prys-Roberts
 608 Palliative care and pain management 1 *A. M. Hoy*
 608 Palliative care and pain management 2 *M. Dobb and R. Parker*
J. E. Charlton
 609 Keep calf compression in the Lloyd-Davies position *D. J. Wilkinson and J. H. Shepherd*
 610 Peri-operative fluid management in the elderly patient *M. Jackson, D. Bacon, R. Venn and H. Wakeling*
 611 House Officers and the sick ward patient *W. P. Robson and S. Hutchinson*
 611 New Deal and manpower requirements – a simplified formula *P. S. Kakodkar*
 612 Useless ritual *I. Calder*
 613 Predicting difficult intubation 1 *S. Tirer*
 613 Predicting difficult intubation 2 *M. Kristensen*
S. M. Yentis
 614 Percutaneous tracheostomy in morbidly obese patients *M. Watters and P. Waterhouse*
 615 The value of airway assessment *L. Cheater and P. Jameson*
 615 Near-infrared spectroscopy *S. J. Ramsay and C. D. Gomersall*
 616 Unusual cause of circuit failure *J. E. Sturgess and P. C. Matthews*
 617 Head-up tilt and subarachnoid block *J. A. W. Wildsmith*
A. T. Sia, G. P. Loke and E. H. Chan
 618 A use for combined spinal epidural anaesthesia at last! *K. D. Thomson*
 618 Draining intraperitoneal gas after laparoscopy *J. I. Alexander*
 619 Temperature measurements – which method is best? *J. M. Cupitt and Z. Badsha*

619 Paediatric tonsillectomy and PONV - big little problem remains big! *R. G. Roberts and R. M. Jones*

620 Spontaneous pneumothorax secondary to osteosarcoma metastasis *J. Chilvers and P. Moore*

620 Oral aphthous ulcers after difficult intubation in a patient with Behcet's disease *Z. Salihoglu, Y. Dikmen, S. Demirok, I. Hamzaoglu and M. Paksoy*

621 Sevoflurane vs. isoflurane: a clinical comparison in day surgery *A. P. J. Lake*

622 Anaesthesia and the oral contraceptive pill *J. Stone*

622 Cannabis abuse and laryngospasm *S. M. White*

623 An unusual case of thrombocytopaenia *S. Yarrow and D. Bowyer*

624 Yes, for updating the guidelines for day case surgery; and please stick to it *S. Gomaa*

624 Pulmonary oedema in fit patients of African origin 1 *S. R. Desikan*

624 Pulmonary oedema in fit patients of African origin 2 *P. J. W. Knell*

624 B. J. Norman

624 Swearing – another means of assessing ease of intubation! *D. Bryden and I. Wrench*

625 Tattoo medi-alert *P. Barclay and H. King*

626 Book reviews

628 Announcements

Number 7, July 2002

Editorial

629 Emergency physicians: additional providers of emergency anaesthesia? *D. J. Lockey and J. J. M. Black*

Main Articles

632 The variable effect of low-dose volatile anaesthetics on the acute ventilatory response to hypoxia in humans: a quantitative review *J. J. Pandit*

644 The effects of hypertonic saline solution (7.5%) on coagulation and fibrinolysis: an *in vitro* assessment using thromboelastography *T. S. Tan, K. H. S. Tan, H. P. Ng and M. W. Loh*

649 A comparison between midazolam co-induction and propofol predosing for the induction of anaesthesia in the elderly *N. A. Jones, S. Elliott and J. Knight*

654 Measurement of systemic oxygen uptake during low-flow anaesthesia with a standard technique vs. a novel method *I. E. Leonard, B. Weitkamp, K. Jones, J. Aittomaki and P. S. Myles*

659 Matrix metalloproteinase-9, tissue inhibitor of metalloproteinase-1 and tumour necrosis factor α release during cardiopulmonary bypass *H. F. Galley, G. D. Macaulay and N. R. Webster*

663 Monitoring pollution by proton-transfer-reaction mass spectrometry during paediatric anaesthesia with positive pressure ventilation via the laryngeal mask airway or uncuffed tracheal tube *J. Rieder, C. Keller,*

J. Brimacombe, G. Gruber, P. Lirk, G. Summer and A. Amann

Special article

667 John Snow, Thomas Wakley, and The Lancet *S. P. Frogatt*

Review article

676 Off-pump coronary artery surgery *R. M. Heames, R. S. Gill, S. K. Ohri and D. A. Hett*

Apparatus

686 Leakage and absorption of isoflurane by different types of anaesthetic circuit and monitoring tubing *C. Smith, C. Flynn, G. Wardall and I. J. Broome*

Forum

690 Use of the common gas outlet for the administration of supplemental oxygen during Caesarean section under regional anaesthesia *A. G. H. Stone and P. R. Howell*

693 Closed loop control of sedation for colonoscopy using the Bispectral Index *K. Leslie, A. Absalom and G. N. C. Kenny*

697 Patient feedback on the anaesthetist's performance during the pre-operative visit *J. Carnie*

701 Prediction by computerised tomography of distance from skin to epidural space during thoracic epidural insertion *J. Carnie, J. Boden and F. Gao Smith*

705 The effect of dexamethasone upon patient-controlled analgesia-related nausea and vomiting *Y. Lee, Y. S. Lin and Y. H. Chen*

Correspondence

710 Consent for anaesthesia *M. V. Chapman and A. H. Wolff*

711 Will competency assessment improve the training and skills of the trainee anaesthetist? *B. S. Patel and A. Feerick*

712 Anions and the anaesthetist 1 *T. Guest, R. Venn and L. G. Forni*

712 Anions and the anaesthetist 2 *A. Vincent, D. G. Maloney, I. R. Appadurai and R. S. Vaughan*

714 When is a white cell count not a white cell count? *P. Whiting and D. Bryden*

714 Chronic pain in the UK *K. Hardy*

715 All in the name of progress *T. Sivagnanam*

715 Cardiac output determination using vascular compliance *N. Linton*

715 The Trachlight® compared to laryngeal mask airway assisted intubation *D. F. O'Crionin, M. M. Coleman, J. J. Pandit and M. Popat*

716 Coaxial breathing system outer tube occlusion: what goes in must come out *N. Randhawa, R. A. Semenov and A. Patel*

717 Laryngeal mask obstruction *M. J. O'Neil*

717 Tracheal tube cuff pressures *R. Greenbaum*

717 Consequences of cuff pressure *N. G. Mandel*

718 An unusual complication of suction through the tracheal tube *B. Singh and V. Chugh*
 719 Awake fibreoptic-guided insertion of the ProSeal Laryngeal Mask Airway™ *J. Brimacombe and C. Keller*
 719 A new device to reduce consumption of a halogenated anaesthetic agent *G. D. Puri and M. Enlund*
 720 An unexpected finding *S. Israni and S. Greenwell*
 721 Spurious ventilator triggering in a dead patient *S. Kannan and S. Sinclair*
 721 Management of mobile laryngeal tumours *N. Randhawa, R.A. Semenov and A. Patel*
H. D. de Boer, D. van Diejen, M. J. M. Gielen and R. J. Ensink
 722 Oxytocin during Caesarean section *A. Spence*
C. Moran and J. Gardiner
 723 Dose of oxytocin after Caesarean section *M. M. Khan, S. Gupta, P. Radford and D. A. Male*
 724 Low-dose remifentanil infusions for major spinal surgery *S. Jürgens and M. Krishna*
 725 Midazolam – an anti-emetic? *A. S. Habib*
 726 Alternative coupling systems for regional anaesthetic equipment *J. A. W. Wildsmith*
 726 Pulmonary oedema and race *P. Dodd*
 726 Factors affecting intubation conditions *M. I. El-Orbany and A. J. Klouwen*
 727 The Pro-seal laryngeal mask airway *H. G. Wakeling and T. Palfreman*
 727 Gum elastic bougies *M. C. Mushambi and G. A. Iyer*
 727 Postoperative pain relief in the day surgery unit *J. Montgomery and A. D. Donovan*
 728 An uncommon cause of pacemaker malfunction *C. Whymark and J. Wilson*
 728 Use of the 'T-bag' oxygen enhancement device to improve oxygenation during single lung ventilation *K. Hames and M. Ward*
 729 Inappropriate drug labelling *S. Gupta and M. Khan*
J. McKenna
 730 On predicting difficult intubation *A. M-H. Ho*
 730 Tracheostomy pilot tube failure *J. Yassin and C. B. Groba*
 730 Enjoying champagne *P. E. Shannon*
 732 Announcement
 732 Erratum

i Instructions to Authors

Number 8, August 2002

Editorial

733 Academic anaesthesia – alive and kicking? *M. Harmer*

Main articles

736 The effects of nitrous oxide on the auditory evoked potential index during sevoflurane anaesthesia *G. Barr, R. Anderson and J. Jakobsson*

740 Effect of pre-operative anxiolysis on postoperative pain response in patients undergoing total abdominal hysterectomy *W. Caumo, M. P. L. Hidalgo, A. P. Schmidt, C. W. Iwamoto, L. C. Adamatti, J. Bergmann and M. B. C. Ferreira*
 747 Neopterin as a marker of immunostimulation: an investigation in anaesthetic workplaces *G. Gruber, P. Lirk, A. Amann, C. Keller, W. Schobersberger, G. Hoffmann, D. Fuchs and J. Rieder*
 751 Assessing Critical Care Unit Performance: a global measure using graphical analysis *T. Leary, S. Ridley, K. Burchett, A. Kong, P. Chrispin and M. Wright*
 756 The effect of a pre-operative infusion of Ringer's solution on splanchnic perfusion in patients undergoing coronary artery bypass grafting *T. F. Klein, C. Osmor, M. Müller, A. Junger, H. Akintürk and G. Hempelmann*

Special article

761 Uncertainty and scoring systems *S. A. Ridley*

Apparatus

768 Clinical results with a new acoustic device to identify the epidural space *T. J. M. Lechner, M. G. F. van Wijk and A. J. J. Maas*
 773 The effect of single use laryngoscopy equipment on illumination for tracheal intubation *K. J. Anderson and N. Bhandal*

Forum

778 Provision of postoperative epidural services in NHS hospitals *J. Austin*
 785 The effects of two methods for customising the original SAPS II model for intensive care patients from South England *D. H. Beck, G. B. Smith and J. V. Pappachan*
 793 Standardized colour coding for syringe drug labels: a National Survey *I. W. Christie and M. R. Hill*
 798 A comparison of oral transmucosal fentanyl and oral midazolam for premedication in children *T. K. Howell, S. Smith, S. C. Rushman, R. W. M. Walker and F. Radivan*
 805 A multicentre telephone survey of compliance with postoperative instructions *C. J. C. Cheng, I. Smith and B. J. Watson*
 811 Magnesium as first line therapy in the management of tetanus: a prospective study of 40 patients *D. Attygalle and N. Rodrigo*

Correspondence

818 Miss B. S. M. White and T. Baldwin
 819 Why anaesthetising a patient is more prone to failure than flying a plane *C. S. Webster*
 820 Blood transfusion in patients with cardiac disease *S. Sale and M. McSwiney*
 821 Unrecognised fatal anaphylactic reaction to propofol or fentanyl *P. M. Mertes and M. C. Laxenaire*

822 Deceptively well kept beard – seeks attention
N. Narula, S. Katyal, A. Singh, T. K. Kaul and D. Sood

823 Re-usable and sheathed laryngoscope blades
T. M. Cook, B. McCormick and S. Twigg

824 Pre-operative airway evaluation
S. Das and A. Pearce S. M. Yentis

824 The anticlockwise twist
P. S. Cosham P. Latto, R. S. Vaughan, M. R. Stacey and J. S. Mecklenburgh

825 Pressure changes in tracheal tube cuffs at altitude
M. J. Ruth

826 Arterial line insertion
A. F. Taylor

826 The use of the laryngeal mask airway in maxillofacial surgery
M. Rice, M. Turner and D. Carapet

827 The introduction of cricothyroid pressure
A. Kopka

827 Disposable laryngoscope blades
M. Babb and S. Mann

827 Metal plate for placement of the laryngeal mask in a patient with orthodontic appliances
T. Asai

828 An important differential diagnosis of pneumothorax
K. M. Ni, J. C. Watts and S. S. Panditaratne

830 Midazolam – an anti-emetic?
S. Crowe

830 Fat embolism
P. E. Horowitz N. Soni

831 A case of aortoacaval fistula – biochemical and haemodynamic changes
V. Ratnali, P. S. Mangat and G. Earnshaw

833 Pump activated by a foot switch pedal for controlled administration of local anaesthetic drugs
H. B. J. Fischer C. M. Ayoub, A. M. Letayf and M. S. Rizk

834 Cortical reflex myoclonus after propofol anaesthesia
J. C. Dearlove and O. R. Dearlove

835 The anaesthetists' role on labour ward
J. S. Gray

836 Sharp packaging
J. Soar, C. Fouque and N. Goodman

836 Sezary syndrome
S. M. White and A. Shah

837 A familiar asthma spacer for inhalational induction
R. Beringer and S. Robinson

837 The champagne angle
R. Weller

838 The Big Mac® test
R. M. Slater and J. Cooper

838 Offensive material?
A. J. Pickworth

839 Book reviews

Number 9, September 2002

Editorial

843 A new way of managing critical care?
D. R. Goldhill

Main articles

845 Randomised controlled trial investigating the influence of intravenous fluid titration using oesophageal Doppler monitoring during bowel surgery
D. H. Conway, R. Mayall, M. S. Abdul-Latif, S. Gilligan and C. Tackaberry

850 The use of anaesthetic rooms for induction of anaesthesia: a postal survey of current practice and

attitudes in Great Britain and Northern Ireland
H. J. Bromhead and N. A. Jones

855 The effect of low dose sevoflurane on saccadic eye movement latency
R. H. S. Carpenter, M. J. L. Descamps, C. H. Morley, T. S. Leary and J. G. Jones

860 A randomised, controlled, crossover trial of oral midazolam and nitrous oxide for paediatric dental sedation
K. E. Wilson, R. R. Welbury and N. M. Girdler

868 A randomised, controlled trial of cognitive and psychomotor recovery from midazolam sedation following reversal with oral flumazenil
N. M. Girdler, J. P. Lyne, R. Wallace, N. Neave, A. Scholey, K. A. Wesnes and C. Herman

877 A comparison of anaesthetic techniques for shock wave lithotripsy: the use of a remifentanil infusion alone compared to intermittent fentanyl boluses combined with a low dose propofol infusion
M. A. Burmeister, P. Brauer, M. Wintruff, M. Graefen, I. Blanc and T. G. Standl

Special article

882 The Human Rights Act 1998: implications for anaesthesia and intensive care
S. M. White and T. J. Baldwin

Review article

889 The peri-operative implications of herbal medicines
P. J. Hodges and P. C. A. Kam

Apparatus

900 Evaluation of an expired fraction carbon dioxide monitor
U. Ratnasabapathy, S. Allam and M. J. Souter

Forum

905 Calf compartment pressures in the Lloyd-Davies position: a cause for concern?
D. Turnbull, A. Farid, S. Hutchinson, A. Shorthouse and G. H. Mills

909 Effect of cricothyroid pressure on the ease of fibrescope-aided tracheal intubation
T. Asai, K. Murao, S. Johmura and K. Shingu

914 Routine pre-operative blood testing: is it necessary?
R. K. Johnson and A. J. Mortimer

918 Efficacy of the ProSeal® laryngeal mask airway during manual in-line stabilisation of the neck
T. Asai, K. Murao and K. Shingu

921 A dedicated intravenous cannula for postoperative use. Effect on incidence and severity of phlebitis
A. Panadevo, G. Iohom, J. Taj, N. Mackay and G. Shorten

Correspondence

926 Elderly anaesthesia as part of a multidisciplinary team
H. Wise and M. Thomas

927 Acute Pain Services – how effective are we?
M. K. Sanders and M. Z. M. Michel

927 Patient or PAC? *D. R. Ball and W. Abdel-Rhaman*

928 Meningococcal chemoprophylaxis for anaesthetists *N. I. Gbinigie*

928 Sevoflurane usage *M. Rice, S. Butler and M. Wood*

929 An apparently normal looking valve as a cause of rebreathing *A. M. S. Dawood and T. Digger*

930 Critical incident involving the Draeger Cato ventilator *J. Wilden*

931 Oxygen failure alarms on modern anaesthetic machines *J. Andrzejowski and R. Freeman*

932 When and by whom was the curved tip of a gum-elastic bougie first introduced? *H. Toyoyama, Y. Hirose and Y. Toyoda*

932 Delayed presentation of tracheo-oesophageal fistula following percutaneous dilatational tracheostomy *S. M. Drage, C. Pac Soo and T. Dexter*

933 Percutaneous dilatational tracheostomy and tracheal ring rupture *R. G. Roberts, P. Morgan and G. P. Findlay*
M. Quintel and G. Frova

934 Percutaneous tracheostomy and microlaryngeal tubes *A. M. Tate and A. Asumang D. Read and L. Fisher*

935 Percutaneous tracheostomy with the PercuTwist™ technique not so easy *B. G. Fikkens, J. M. M. Verwiel and R. J. G. H. Tillmans*

936 Margin of safety for the uncuffed tracheal tube *J-H. Bahk and S-H. Han*
A. M-H. Ho, C. S. T. Aun and M. K. Karmakar

937 A case of airway obstruction *M. Kan and A. Hassani*

938 Pneumococcal following psoas compartment block *M. B. Reddy*

939 Respiratory arrest in a parturient following intrathecal administration of fentanyl and bupivacaine as part of a combined spinal-epidural analgesia for labour *K. M. Kuczkowski*

940 Epidural fixation *K. Campbell, D. McAuley and C. Judge*

940 Head-up tilt and subarachnoid block for Caesarean section *B. V. S. Murthy*

941 Midazolam for PONV. What's new? *T. Di Florio*

941 Spinal opioids, midazolam and antiemesis *S. G. Pickard and E. A. J. Morris*

942 Positioning for radial artery cannulation *N. Zafar*

942 Old wine in a new bottle? *A. Ghori*

942 Foreign language drug labelling *S. Grewal*

942 Penicillin kills *P. Baumgartner*

943 A talisman to ward off the bad anaesthetics *C. A. Mearns*

944 Book reviews

Number 10, October 2002

Editorial

947 Editorial 1 Herbal Medicines – Harmless or Harmful? *A. Sehgal and J. E. Hall*

949 Editorial 2 On-line Correspondence – your chance to comment *M. Harmer*

Main articles

950 Coagulation effects of *in vitro* serial haemodilution with a balanced electrolyte hetastarch solution compared with a saline-based hetastarch solution and lactated Ringer's solution *A. M. Roche, M. F. M. James, M. P. W. Grocott and M. G. Mythen*

956 Cp50 of propofol for laryngeal mask airway insertion using predicted concentrations with and without nitrous oxide *M. Kodaka, F. Handa, J. Kawasaki and H. Miyao*

960 Effect of xenon on cerebral autoregulation in pigs *M. Schmidt, T. Marx, C. Papp-Jambor, U. Schirmer and H. Reinelt*

Review

967 Training in airway management *K. R. Stringer, S. Bajenov and S. M. Yentis*

Historical note

984 The Sister Anaesthetists of Norwich
C. H. M. Woollam

Apparatus

995 A peripheral nerve stimulator for nerve location controlled by the scrubbed anaesthetist *C. Ayoub, A. Leif, M. Rizk, Z. Khalili and S. Aoude*

999 A comparison of cerebral oxygenation as measured by the NIRO 300 and the INVOS 5100 Near-Infrared Spectrophotometers *M. Thavasothy, M. Broadhead, C. Elwell, M. Peters and M. Smith*

1007 The effect of introducer gauge, design and bevel direction on the deflection of spinal needles *W-S. Ahn, J-H. Bahk, Y-J. Lim and Y-C. Kim*

Forum

1012 Attitudes of patients and anaesthetists to informed consent for specialist airway techniques *J. K. Bray and S. M. Yentis*

1016 Pharmacological agents as cerebral protectants during deep hypothermic circulatory arrest in adult thoracic aortic surgery. A survey of current practice *A. T. Dewhurst, S. J. Moore and J. B. Liban*

1022 Impact of a multimodal anti-emetic prophylaxis on patient satisfaction in high-risk patients for postoperative nausea and vomiting *L. H. J. Eberhart, M. Mauch, A. M. Morin, H. Wulf and G. Geldner*

Correspondence

1028 The effect of geography on disease prevalence *L. Saqr and K. Barke*

1028 The peri-operative care team: a model for outreach critical care *O. A. Bamgbade*

1029 Medical training *N. Smith and L. McLoughlin*

1029 Is postoperative nausea and vomiting following tonsillectomy really a problem? *J. J. Church*
 1030 The impact of training on manpower requirements as hours decrease *M. Wee-Kong Lim*
 1031 The left molar approach assisting fiberoptic intubation *C. Farley, I. Bowler and M. Stacey*
 1033 Nasal intubation and epistaxis *R. Williamson*
 1034 Attenuation of cardiovascular and cough reflexes during extubation *T. M. Palframan and H. G. Wakeling*
J. Andrzejowski
 1036 Propofol for relief of extubation laryngospasm *M. Naufal and A. Baraka*
 1036 Use of cuffed oropharyngeal airway in a case of sleep apnoea *S. P. Nandalan and S. Bhanumurthy*
 1037 Gum elastic bougie in the hole technique *G. Morton, B. Chileshe and P. Baxter*
 1038 A strange leak from the anaesthetic machine *D. Wilkinson and C. Curtis*
 1039 End-tidal capnography in rigid bronchoscopy *A. Gaunt, S. I. Jagger and C. Morgan*
 1040 Norepinephrine in the treatment of olanzapine overdose *V. Bajaj and D. J. Comyn*
 1041 Knowledge is not measured by the tools of evidence-based medicine *N. W. Goodman*
 1041 Do you know about donepezil and succinylcholine? *C. Walker and D. Perks*
 1041 Epidural ropivacaine and sufentanil *A. Ghori and B. Vadodaria*
C. Lorenzini
 1042 Aseptic precautions for epidural insertion *C. E. Nightingale*
 1043 A simple way to reduce heat loss from the head *N. S. Parry and A. Nightingale*
 1043 The importance of pre-operative examination, don't let them pull the wool over your eyes! *K. Chidley and S. Bakewell*
 1044 Can we be more polite? *R. Shankar*

Abstracts

1045 Abstracts from the Group of Anaesthetists in Training (GAT) Annual Meeting in Keele, June 2002

Number 11, November 2002

Editorial

1049 Questionnaire Surveys *J. Bruce*

Main articles

1052 Association between intra-operative incidents and postoperative outcome and resource utilisation *M. M. Niskanen and E. T. Ruokonen*
 1060 Recovery room incidents: a review of 419 reports from the Anaesthetic Incident Monitoring Study (AIMS) *M. T. Kluger and M. F. M. Bullock*

Review articles

1067 Deliberate release of biological agents *A. M. Sardesai, N. M. Brown and D. K. Menon*
 1083 Traditional Chinese herbal medicine and anaesthesia *P. C. A. Kam and S. Liew*

Apparatus

1090 An assessment of the ability of impedance respirometry to distinguish oesophageal from tracheal intubation *K. H. Mehta, A. Turley, P. Peyrasse, J. Janes and J. E. Hall*
 1094 Percutaneous tracheostomy with the Blue Rhino™ technique: presentation of 100 consecutive patients *B. G. Fikkens, I. S. Briedé, J. M. M. Verwiel and F. J. A. van den Hoogen*
 1098 Learning to apply effective cricoid pressure using a part task trainer *H. Owen, V. Follows, K. J. Reynolds, G. Burgess and J. Plummer*

Forum

1102 The *in vitro* effects of crystalloids and colloids on coagulation *K. Ekseth, L. Abildgaard, M. Vegfors, J. Berg-Johansen and O. Engdahl*
 1109 Estimating unmeasured anions in critically ill patients: Anion-gap, base-deficit, and strong-ion-gap *D. A. Story, S. Poustie and R. Bellomo*
 1114 Anaesthesia for cardioversion. A comparison of sevoflurane and propofol *S. Karthikeyan, S. Balachandran, J. Cort, M. H. Cross and M. Parsloe*
 1119 The value of risk scores for predicting postoperative nausea and vomiting when used to compare patient groups in a randomised controlled trial *R. Thomas, N. A. Jones and P. Strike*
 1128 Measurement of liver tissue oxygenation after orthotopic liver transplantation using a multiparameter sensor. A pilot study *T. S. Leary, J. R. Klinck, G. Hayman, P. Friend, N. V. Jamieson and A. K. Gupta*

Correspondence

1134 Machine and monitoring failure from electrical overloading *A. V. Chawla and N. I. Newton*
 1135 Emergency physicians: additional providers of emergency anaesthesia? *D. Farquhar-Thomson*
 1136 Measurement of systemic oxygen uptake during low-flow anaesthesia with a standard technique vs. a novel method *R. Shankar*
 1137 Cardiac output determination using compliance *D. I. Campbell*
 1137 Connector mix-up on an anaesthetic machine *D. F. O. Cróinín and J. Keogh*
P. Mardle
 1138 ENT surgeon pipped at the post by the laryngeal mask airway *B. F. van der Griend, D. Gardner-Thorpe and T. M. Cook*
 1138 Airway management is simpler with the existing tracheal tube *A. Mallick*
D. Read, D. Duane and L. Fisher

1140 Stylet for reinforced laryngeal mask airway
O. Shimoda and A. Yoshitake

1142 Joint disagreement *H. A. Brownlow and P. D. Sutherland*

1142 Cannabis smoking and anaesthesia *I. E. Symons*

1143 Blood transfusion in the critically ill *P. Jefferson and D. R. Ball*
D. Goldhill and H. Boralessa

1143 Not so free flowing *A. Kitsberg and S. Agarwal*

1144 Referring to earlier work would have refined conclusions *N. W. Goodman*

1144 Two-stripe Tuohy, when too deep? *S. H. Scott and V. Herodes*

Abstracts

1146 Abstracts from the European Society of Regional Anaesthesia (UK & Ireland) Meeting in Yarm, Teeside, on 3 May 2002

1148 Abstracts from the Age Anaesthesia Association Annual Meeting in Grange over Sands, Cumbria, on 10 May 2002

1150 Book reviews

Number 12, December 2002**Editorial**

1153 Consent and Ethics in Postoperative Pain Management *M. Harmer*

Main articles

1155 The use of nitrous oxide in anaesthetic practice: a questionnaire survey *K. A. Henderson, N. Raj and J. E. Hall*

1159 The effect of auricular acupuncture on anaesthesia with desflurane *A. Taguchi, N. Sharma, S. Z. Ali, B. Dave, D. I. Sessler and A. Kurz*

1164 Spinal anaesthesia for inguinal herniotomy in preterm infants sedated with nitrous oxide: a comparison of lumbar puncture in the lateral or sitting position *R. Vilà, J. Lloret, F. Munar and J. Vinzo*

1168 Use of intrathecal morphine for postoperative pain relief after elective laparoscopic colorectal surgery *S.-K. Kong, S. M. K. Onsiong, W. K. Y. Chiu and M. K. W. Li*

1174 A standard XML Schema for computerised anaesthetic records *M. Gardner and T. Peachey*

Apparatus

1183 The long Bain breathing system: an investigation into the implications of remote ventilation *C. J. Sweeting, P. W. Thomas and D. J. Sanders*

Case reports

1187 Convulsions following axillary brachial plexus blockade with levobupivacaine *D. Pirotta and J. Sprigge*

1190 Bispectral index-guided management of anaesthesia in permanent vegetative state *J. J. Pandit, B. Schmelzle-Lubiecki, M. Goodwin and N. Saeed*

Forum

1195 Facial fractures and submental tracheal intubation *M. Amin, P. Dill-Russell, M. Manisali, R. Lee and I. Sinton*

1200 Unwanted effects of morphine-6-glucuronide and morphine *C. Cann, J. Curran, T. Milner and B. Ho*

1204 Tracheal intubating conditions using propofol and remifentanil target-controlled infusions *A. M. Troy, R. C. Hutchinson, W. R. Easy and G. N. Kenny*

1208 Combined use of esmolol and nicardipine to blunt the haemodynamic changes following laryngoscopy and tracheal intubation *P.-H. Tan, L. C. Yang, H. C. Shih, C. R. Lin, K. C. Lan and C. S. Chen*

Correspondence

1213 Research output in anaesthesia: a quantitative ranking *M. Rahman, J. Sakamoto and T. Fukui*

1214 Resuscitating academic anaesthesia – or trying to breathe life into a dead corpse? *M. Reade*

1214 Medium fidelity manikins and medical student teaching *P. Edgar*

1215 Heart rate as a measure of stress during real and simulated anaesthetic emergencies *I. R. Dyer and A. J. Byrne*

1216 Withholding and withdrawing life-prolonging treatments *S. M. White*

1216 Anaesthesia and the media *S. Brown*

1217 Emergency physicians: additional providers of appropriate emergency anaesthesia? *C. J. Sweeting and A. C. Dow*
D. J. Lockey and J. J. M. Black

1218 Emergency physicians are not anaesthetists *G. D. Baigel*

1219 Off-pump coronary artery surgery *S. Singh*

1219 Different scavenging connections on Bain circuits *M. Mayall and R. N. Ahmed*
R. Le Poidevin

1220 The Gallagher–Wilkinson reflex *D. J. Wilkinson and L. Gallagher*

1221 Protection from packaging *I. Wright*

1221 Circuit obstruction – is there a foolproof way? *R. Perkins and K. Ramachandran*
R. Le Poidevin

1223 Assessment of correct central venous line placement *A. Pollard and R. V. Johnson*

1223 Defective nasopharyngeal temperature probes *D. J. Williams and A. A. Kelleher*
S. Cook

1224 Effect of low-dose volatile anaesthetics on ventilation during acute hypoxia *G. Ackland*
J. J. Pandit

1226 Predicting difficult intubation – any one test is not enough *G. Nath*
S. Yentis

1227 Airway management of a child with temporomandibular joint ankylosis following otitis media 1 *S. Das and A. Pearce*

1228 Airway management of a child with temporomandibular joint ankylosis following otitis media 2 *P. Cunningham and D. Hampson-Evans*

1229 The two different types of Macintosh laryngoscope blades *T. Asai, S. Matsumoto and K. Shingu*

1229 Anaesthesia for percutaneous vertebroplasty *S. M. White*

1230 Blame the surgeon! *M. Williams and M. Turner*

1231 Colour coding for syringe drug labels *M. D. Vickers*

1231 Doctors must implement new safety systems, not whinge about them *C. S. Webster*

1232 Consent issues in obstetric anaesthesia *J. Roberts*

1233 Awake or asleep *J. Picard*

1233 Aseptic practice and neuraxial blockade *R. L. R. Videira*

1234 Seizures on emergence from sevoflurane anaesthesia for Caesarean section in a healthy parturient *K. M. Kuczkowski*

1235 Head-up tilt and subarachnoid block *S. Gombar*

1235 Oxygen administration for elective Caesarean section under spinal anaesthesia *S. K. Basu*
M. Cogliano, A. Graham and V. Clark

1236 Blocked epidural catheter *H. Nagi*

1236 Bowel preparations and hyperphosphataemia *M. Caswell*

1236 Local toxicity of local anaesthetics – do experimental data apply to clinical manifestations? *B. Al-Nasser*

1237 Prolonged closed-loop control of muscle relaxation using rocuronium *A. De Haes, D. J. Eleveld and J. M. K. H. Wierda*

1238 Kinking of a long tracheostomy tube can present as severe acute asthma *A. Sharma, S. Elliot and A. Mallick*

1240 Lost in the adenoids *R. L. Hughes*

1241 'In my experience ...' *D. P. Creasey*

1242 History of anaesthesia *J. Zorab*

1242 Which fluid is best? *D. Saunders*

Abstracts

1243 Abstracts from the Association of Anaesthetists of Great Britain & Ireland Annual Scientific Meeting in Bournemouth, 19 September 2002

1247 Book review

1248 Deaths of members reported to Council October 2001 to September 2002

1249 Author/keyword index

